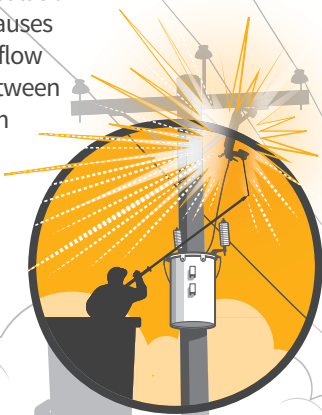


FR/AR Gear

Flame-resistant (FR) clothing is made from specialty fabrics—aramid, modacrylic, synthetic blends and even treated cotton, nylon or wool—that won't ignite when exposed to intense heat. Arc-rated (AR) clothing is simply FR gear that has been scored for its ability to resist burning when exposed to the extreme temperatures of a high-voltage flash. Modern FR/AR garments are gauged based on caloric protection and have been engineered to be lighter-weight and more breathable, durable and flexible.

Arc Flash

An arc flash occurs when a breakdown in insulation or a short circuit causes electric current to flow through the air between conductors or from a conductor to ground. It causes a sudden release of intense heat, light and energy.



Headwear

FR hard hats or helmets and FR balaclavas or hoods under the helmet to protect the neck and face.

Face Shield

Undergarments

FR base layers or undergarments for added protection.

Shirt

Jacket

Extra layer of protection, especially in colder climates.

Vest

High-visibility FR vests when working near roads or in low-light conditions.

Gloves

Made from leather or other FR materials and may include additional insulation for thermal protection.

Pants

Coveralls

Worn over regular clothing for additional safety.

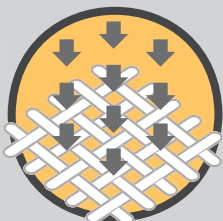
Footwear

Leather work boots with rubber soles.

FR/AR Fabric

Treatment

Fabrics can be naturally fire-resistant or infused/coated with FR chemicals.



Ordinary Fabric

Catches fire easily; flames spread rapidly.



Treated Fabric

Chemicals inhibit combustion and char rather than burn.

